

REMARKS

Please reconsider the present application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering the present application.

Disposition of Claims

Claims 1, 3, and 4 are pending in the present application. Claim 1 has been amended to clarify that all of the reception intensity information is transmitted in one response signal after the mobile phone completes measuring of all the reception intensities. Support for the amendments, may be found, for example, in paragraphs [0096]-[0098] of the published specification. No new matter has been added by any of the aforementioned amendments. Claim 1 is independent. The remaining claims depend directly from claim 1.

Rejections Under 35 U.S.C. § 103

Claims 1 and 3-4 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication No. 2002/0025823 ("Hara"). Claim 1 has been amended by way of this reply. To the extent that the rejections still apply to claim 1, this rejection is respectfully traversed.

One or more embodiments of the claimed invention are directed to a vehicular remote control system comprising a mobile unit and a vehicle unit. In an exemplary embodiment, the mobile unit measures reception intensities of each transmission antenna in the vehicle, and then transmits the reception intensity information of all the transmission antennas in one signal with an ID portion, enabling the vehicle unit to locate the mobile unit based on the reception intensity information. Advantageously, measuring all the reception intensities before sending the results

in one signal (*i.e.*, in contrast to receiving and then transmitting reception intensity information corresponding to each antenna separately) shortens the period of transmitting the signal and the period of decoding the signal at the vehicle unit, and saves energy as a result. *See e.g.*, Published Specification, par. [0027].

Accordingly, amended independent claim 1 recites, *inter alia*, “wherein said mobile unit sequentially receives signals transmitted from at least a first and a last transmission antenna from the plurality of transmission antennas to measure the reception intensities of the sequentially received signals, and then, *after the mobile unit completes the reception intensity measurement of the last transmission antenna, transmits* an ID portion for storing the intrinsic identification information of the mobile unit and all reception intensity information of the sequentially received signals as one response signal to said vehicle unit.” The aforementioned limitation explicitly requires that the mobile unit transmit a response signal that includes all the reception intensity information after the mobile unit completes the measurement of the last transmission antenna.

“To establish a *prima facie* case of obviousness “...the prior art reference (or references when combined) must teach or suggest all the claim limitations.” *See* MPEP § 2143.03. The Applicant respectfully asserts that Hara fails to show or suggest at least the aforementioned limitations required by claim 1.

Specifically, although the Examiner acknowledges that Hara does not specifically disclose whether signals are sent sequentially or concurrently from the portable device, the Examiner asserts that an ordinary skilled artisan would readily recognize that signals from the portable device can also be emitted sequentially or concurrently. Said another way, the Examiner interprets Hara as emitting multiple signals sequentially or concurrently. Applicant respectfully asserts that multiple signals emitted sequentially or concurrently cannot be equated

with transmitting one signal. Thus, Hara is completely silent with respect to transmitting all the reception transmission intensity information in one signal after measurement of the last transmission antenna is complete as required by the claimed invention.

Moreover, in the Action, the Examiner notes that Applicant does not claim transmitting the signals at alternate frequencies. *See Action, page 5.* Applicant respectfully asserts that in the previous response mailed on June 6, 2007 (“Previous Response”), Applicant was not attempting to show that the claimed invention teaches signals at alternate frequencies. Specifically, the Previous Response asserted, with respect to Hara, “transmitting multiple signals concurrently would likely result in non-desired functions. In particular, radio signals transmitted concurrently would interfere with each other causing the receiver in the vehicle to decode the signals inaccurately (e.g., which could possibly result in unlocking the wrong door), unless the signals are set at different frequencies. Hara neither shows, nor suggests, transmitting signals all at once at alternate frequencies.” Thus, in the Previous Response, Applicant was merely illustrating that in contrast to the Examiner’s assertion, one of ordinary skill in the art would not interpret Hara as sending concurrent signals. Because, if, in fact, Hara taught concurrently transmitted signals, each of the signals would require alternate frequencies in order to avoid interference with each other.

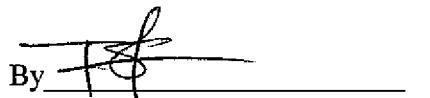
In view of the above, amended independent claim 1 is patentable over Hara for at least the above reasons. Dependent claims 3-4 are also patentable for at least the same reasons as claim 1. Accordingly, withdrawal of the rejection of claims 1 and 3-4 is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 15115/106001).

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Respectfully submitted,

By 

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